Comparison of the initial release version of the Portland Harbor Public Health Assessment and the Draft BHHRA

Overall risk characterization was exceptionally similar, even identical for one scenario (industrial beach and dockside worker). Recreational beach user scenarios were also identical.

There were some differences in initial screening results for beach and in-water sediment. Differences in screening for recreational beach sediment are outlined here, discussed by matrix.

Recreational Beach Sediment
For recreational beach sediment, the following chemicals were identified as COPCs in the Draft BHHRA, but not in the PHA due to differences in screening values:

- Aluminum
- Antimony
- Arsenic

Industrial Beach Sediment
The following chemicals were identified as COPCs in the Draft BHHRA, but not in the PHA due to differences in screening values:

- Arsenic
- Total PCB Aroclors
- Total PCB TEQ

In-Water Sediment
The following chemicals have new site-wide maximum concentrations in the draft BHHRA relative to the Round 2 HHRA that may affect the next version of the PHA:

- Lead- screened in for both PHA and BHHRA
- Mercury- Screened in for the BHHRA but not the PHA
- Total DDT- Screened in for both BHHRA and PHA

The following chemicals screened in for BHHRA but not the PHA due to differences in screening values:

- Thallium
- Tributyl-tin ion
- Naphthalene
- Total PCB TEQ
- Perchlorate

The following chemicals screened in for BHHRA but not the PHA due to differences in handling chemicals with no screening value:

- Delta-hexachlorocyclohexane

The following chemicals screened in for PHA but not for the BHHRA due to differences in screening values:

- Pentachlorophenol
- Total DDD
- Total DDE

Surface Water
No MCPP or detla-hexachlorocyclohexane in PHA (not measured in surface water in Round 2 HHRA)